## SEQUENCE LISTING

<110> Franklin, Richard L.
 Cowling, Didier S.P.
 Hubbel, Jeffrey A.
 van de Wetering, Petra

<120> Treatment of Trauma

<130> 314572-103

<150> US 09/256,484 <151> 1999-02-23

<160> 17

<170> FastSEQ for Windows Version 4.0

<210> 1 <211> 300

<212> PRT

(212) FRI

<213> Panaeus vanameii

<400> 1

Leu Leu Ala Leu Val Ala Ala Ala Ser Ala Ala Glu Trp Arg Trp 5 1.0 Gln Phe Arg His Pro Thr Val Thr Pro Asn Pro Arg Ala Lys Asn Pro 20 25 Phe Arg Val Thr Lys Ser Ser Pro Val Gln Pro Pro Ala Val Arg Gly 40 Thr Lys Ala Val Glu Asn Cys Gly Pro Val Ala Pro Arg Asn Lys Ile 55 Val Gly Gly Met Glu Val Thr Pro His Ala Tyr Pro Trp Gln Val Gly Leu Phe Ile Asp Asp Met Tyr Phe Cys Gly Gly Ser Ile Ile Ser Asp Glu Trp Val Leu Thr Ala Ala His Cys Met Asp Gly Ala Gly Phe Val 105 110 Glu Val Val Met Gly Ala His Ser Ile His Asp Glu Thr Glu Ala Thr 120 125 Gln Val Arg Ala Thr Ser Thr Asp Phe Phe Thr His Glu Asn Trp Asn 135 140 Ser Phe Thr Leu Ser Asn Asp Leu Ala Leu Ile Lys Met Pro Ala Pro 150 155 Ile Glu Phe Asn Asp Val Ile Gln Pro Val Cys Leu Pro Thr Tyr Thr 170 165 Asp Ala Ser Asp Asp Phe Val Gly Glu Ser Val Thr Leu Thr Gly Trp 180 185 190 Gly Lys Pro Ser Asp Ser Ala Phe Gly Ile Ala Glu Gln Leu Arg Glu 200 Val Asp Val Thr Thr Ile Thr Thr Ala Asp Cys Gln Ala Tyr Tyr Gly 215 Ile Val Thr Asp Lys Ile Leu Cys Ile Asp Ser Glu Gly Gly His Gly 230 235 Ser Cys Asn Gly Asp Ser Gly Gly Pro Met Asn Tyr Val Thr Gly Gly 245 250 Val Thr Gln Thr Arg Gly Ile Thr Ser Phe Gly Ser Ser Thr Gly Cys 265 Glu Thr Gly Tyr Pro Asp Gly Tyr Thr Arg Val Thr Ser Tyr Leu Asp

```
280
        275
Trp Ile Glu Ser Asn Thr Gly Ile Ala Ile Asp Pro
                        295
<210> 2
<211> 25
<212> PRT
<213> Panaeus vanameii
Ile Val Gly Gly Val Glu Ala Thr Pro His Ser Trp Pro His Gln Ala
Ala Leu Phe Ile Asp Asp Met Tyr Phe
            20
<210> 3
<211> 20
<212> PRT
<213> a
<220>
<221> VARIANT
<222> (1) ... (20)
<223> Xaa = Any Amino Acid
<400> 3
Ile Val Gly Gly Val Glu Ala Thr Pro His Ser Xaa Pro His Gln Ala
                                    10
Ala Leu Phe Ile
            20
<210> 4
<211> 25
<212> PRT
<213> Panaeus monodon tryptic
Ile Val Gly Gly Thr Ala Val Thr Pro Gly Glu Phe Pro Tyr Gln Leu
Ser Phe Gln Asp Ser Ile Glu Gly Val
            20
<210> 5
<211> 25
<212> PRT
<213> Panaeus monodon chymotryptic
<400> 5
Ile Val Gly Gly Val Glu Ala Val Pro Gly Val Trp Pro Tyr Gln Ala
                 5
Ala Leu Phe Ile Ile Asp Met Tyr Phe
            20
<210> 6
<211> 25
<212> PRT
<213> Panaeus monodon chymotryptic
Ile Val Gly Gly Val Glu Ala Val Pro His Ser Trp Pro Tyr Gln Ala
                                     10
                 5
```

```
Ala Leu Phe Ile Ile Asp Met Tyr Phe
            20
<210> 7
<211> 25
<212> PRT
<213> Uca pugilator enzyme
<400> 7
Ile Val Gly Gly Val Glu Ala Val Pro Asn Ser Trp Pro His Gln Ala
Ala Leu Phe Ile Asp Asp Met Tyr Phe
<210> 8
<211> 20
<212> PRT
<213> Uca pugilator enzyme
Ile Val Gly Gln Asp Ala Thr Pro Gly Gln Phe Pro Tyr Gln Leu
Ser Phe Gln Asp
            20
<210> 9
<211> 20
<212> PRT
<213> Kamchatka crab
<220>
<221> VARIANT
<222> (1)...(20)
<223> Xaa = Any Amino Acid
Ile Val Gly Gly Gln Glu Ala Ser Pro Gly Ser Trp Pro Xaa Gln Val
Gly Leu Phe Phe
<210> 10
<211> 20 -
<212> PRT
<213> Kamchatka crab
<400> 10
Ile Val Gly Gly Thr Glu Val Thr Pro Gly Glu Ile Pro Tyr Gln Leu
                                    10
Ser Leu Gln Asp
            20
<210> 11
<211> 20
<212> PRT
<213> Kamchatka crab
<400> 11
Ile Val Gly Gly Thr Glu Val Thr Pro Gly Glu Ile Pro Tyr Gln Leu
                                    10
Ser Phe Gln Asp
```

```
<210> 12
                                                           ` آو
<211> 20
<212> PRT
<213> Kamchatka crab
<220>
<221> VARIANT
<222> (1)...(20)
<223> Xaa = Any Amino Acid
<400> 12
Ile Val Gly Gly Ser Glu Ala Thr Ser Gly Gln Phe Pro Tyr Gln Xaa
                                    10
Ser Phe Gln Asp
<210> 13
<211> 20
<212> PRT
<213> Crayfish protease
<400> 13
Ile Val Gly Gly Thr Asp Ala Thr Leu Gly Glu Phe Pro Tyr Gln Leu
Ser Phe Gln Asn
            20
<210> 14
<211> 25
<212> PRT
<213> Salmon enzyme
<400> 14
Ile Val Gly Gly Tyr Glu Cys Lys Ala Tyr Ser Gln Ala Tyr Gln Val
Ser Leu Asn Ser Gly Tyr His Tyr Cys
            20
<210> 15
<211> 25
<212> PRT
<213> Atlantic cod
<400> 15
Ile Val Gly Gly Tyr Glu Cys Thr Lys His Ser Gln Ala His Gln Val
1
                 5
Ser Leu Asn Ser Gly Tyr His Tyr Cys
            20
<210> 16
<211> 25
<212> PRT
<213> Atlantic cod
<400> 16
Ile Val Gly Gly Tyr Glu Cys Thr Arg His Ser Gln Ala His Gln Val
Ser Leu Asn Ser Gly Tyr His Tyr Cys
            20
```

<210> 17 <211> 37 <212> PRT

<213> Atlantic cod

<400> 17

 1le Val Gly Gly Tyr Gln Cys Glu Ala His Ser Gln Ala His Gln Val

 1
 5
 10
 15

 Ser Leu Asn Ser Gly Tyr His Tyr Cys Gly Gly Ser Leu Ile Asn Trp
 20
 25
 30

 Val Val Ser Ala Ala

Val Val Ser Ala Ala 35